

ABSTRACT OF THE DISCLOSURE

A lamp (1) has a deformed lamp reflector (1b) and a lamp front glass (1c). The deformed lamp reflector (1b) is made by deforming an ellipsoidal of revolution of a conventional lamp reflector (101b) to an aspherical reflection surface rotationally symmetric with respect to an optical axis Z. The lamp front glass (1c) is obtained by deforming at least one of incident plane and outgoing plane of a conventional lamp front glass (101c) to an aspherical lens surface rotationally symmetric with respect to the optical axis Z. A light flux emitted from the center point (Pf) of the illuminant (1a) is reflected by the deformed lamp reflector (1b), and outputted with a uniform density through the entire of the outgoing plane of the lamp front lens (1c) so that the light flux is condensed at the focus point.